

STATE OF CALIFORNIA

GEORGE DEUKMEJIAN, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—  
LOS ANGELES REGION107 SOUTH BROADWAY, SUITE 4027  
LOS ANGELES, CALIFORNIA 90012-4596  
(213) 620-4460SFUND RECORDS CTR  
2166-01062

March 14, 1986

Mr. Christopher M. Andrews  
Manager - Engineering Quality  
Control & Facilities  
Airwork Corporation  
Millville, NJ 08332

UNDERGROUND TANK PIPELINE LEAK - PACIFIC AIRMOTIVE CORPORATION  
(File No. 83-8) (ID# 915050061)

Reference is made to your letter dated January 7, 1986, transmitting your consultant's, Kennedy/Jenks Engineers, Phase III Subsurface Investigation Report for your facility located at 2940 North Hollywood Way, Burbank, California.

We have reviewed your report which identified a residual plume of jet fuel contamination in soils adjacent to and underlying the North/West portion of Area II onsite, along the eastern wall of Test Cell No. 4, near the sump shed.

Clean-up operations completed in Area II have effectively removed, where possible, the most contaminated soils to a depth of approximately 30 feet below land surface.

The extent of the residual plume underlying Area II, currently extends to a vertical depth of approximately 75 feet below land surface, as identified at Test Bore No. 8. Your consultants assessment of the potential for further downward migration of the plume estimates that additional migration will probably occur to a depth of approximately 88 feet below land surface.

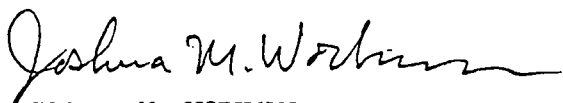
The San Fernando Groundwater Basin underlies your facility at a depth of approximately 185 feet, and is a major source utilized for domestic water supply in the area.

In order to ensure that groundwater resources in the area are protected for all existing and future beneficial uses, you are requested to develop a long term vadose zone monitoring program capable of detecting any significant migration of the plume beyond the projected depth of 88' below land surface. Your specific plan should be in the form of an engineering

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report. Vadose zone monitoring shall consist of vapor monitoring, soil-pore liquid monitoring, or other forms of vadose zone monitoring. Combinations of these methods may be used. The number, locations, and depths of vadose zone monitoring points shall be selected to give the earliest possible warning of significant plume migration. In addition, the surface area overlying the residual plume must be maintained in a manner to preclude the downward migration from rain water runoff in the area.

Your workplan is due to this Regional by April 14, 1986. If you have any questions concerning this matter please contact me at (213) 620-5662 or Mr. David Bacharowski at (213) 620-5647.



JOSHUA M. WORKMAN  
Senior Water Resource  
Control Engineer

DAB:gw

cc: Mr. B. Wettstein - Pacific Automotive Corporation  
Mr. N. Lerner, Kennedy/Jenks Engineers

4/10/86 - Telecom Noel Lerner - Kennedy Jenks -  
requested additional 30 days to submit  
vadose zone monitoring plan. Request approved  
until May 14, 1986 provided letter stating same  
is received by 4/14/86.